

August 12th & 13th, 2010: Widespread Wind Damage and Flooding Along With an Overnight Tornado in Farmington



Severe thunderstorms with significant flooding, wind damage and a few tornadoes affected a large part of central and southern Minnesota, as well as parts of western Wisconsin between August 12th and 13th. Very moist air was in place for several days leading up to this event. As this air mass warmed it became increasingly unstable and was favorable for severe thunderstorms as low pressure approached from South Dakota. This low ushered a warm front into the area during the evening and overnight hours of August 12th, the primary trigger for severe thunderstorms. A rare overnight Minnesota tornado developed briefly within a line of thunderstorms across the southern Twin Cities metro area. The main severe weather overnight on the 12th was flash flooding, as heavy rainfall rates and training thunderstorms created rainfall of 3 to 5 inches. As the low pressure progressed east across the Minnesota and Iowa border on the afternoon of the 13th, more severe thunderstorms redeveloped.

Damage Survey Findings

Farmington Tornado...

@ 304 AM CDT August 13th. 2.8 miles northwest of Farmington to 2.6 miles north-northwest of Farmington.

Tornado rated high end EF-1... or up to 105 mph. Path length 1.5 miles. Tornado tracked to the northeast. A few homes had large sections of roof structure removed. Numerous homes had significant roof damage, with loss of vinyl or metal siding. In addition, numerous garage doors had collapsed or were pushed inward. One home had their entire garage shifted off its foundation by over 5 inches. Another home had their entire garage collapse, only leaving the main home intact. Due to several structures that had their foundations shifted and walls completely blown down, this tornado was rated a high end EF-1, which is approximately 105

mph. Most of the tornado damage was high end EF-0, or low end EF-1, or approximately 70 to 90 mph. Hundreds of trees were either uprooted or blown down. Several trees had diameters in excess of 30 inches.

The image below is a snap shot of where the tornado began, tracked to, and where the concentrated damage was, and associated widest path (orange overlay)



Brooten Tornado...

@ 735 PM CDT August 12th. 2 North of Brooten.

Tornado rated EF-1. Path length 5 miles. Tornado tracked to the east-northeast. Hundreds of trees snapped or broken. Several farmsteads damaged. Roofs off barns, sheds and other outbuilding destroyed. Empty grain bin blown 1/2 mile.

St. Augusta Tornado...

@ 0803 PM CDT August 12th Near St. Augusta

Brief tornado rated EF-0. Path length 1/4 mile. Width 30 yards. Several dozen trees were uprooted in a neighborhood on the east side of St. Augusta, Minnesota.

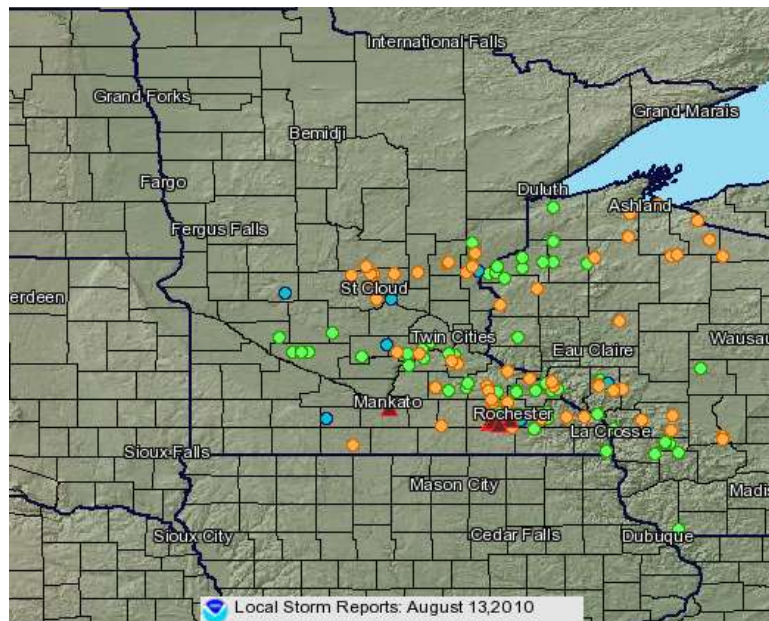
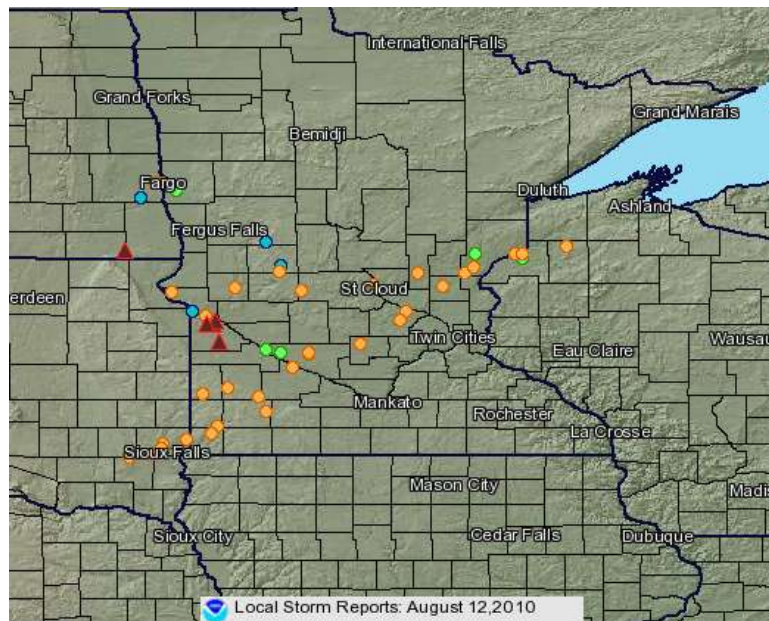
Northeastern Stearns County and Northwestern Benton County Wind Damage...

A National Weather Service storm damage survey team determined that a downburst caused substantial tree damage in portions of Stearns and Benton Counties on Friday, August 13th.

There were widespread 60 mph winds, with pockets of wind between 80 and 90 mph. An 81 mph wind speed was measured on the north side of Little Rock Lake, approximately 3 miles east of Rice. The wind sensor was attached to a tower that was blown over when the wind speed reached 81 mph.

The damage occurred in extreme northeastern Stearns County and northwestern Benton County, especially near the city of Rice. The damage occurred approximately between 3:05 PM and 3:15 PM CDT.

There was extensive tree damage, with thousands of trees down. Strong winds in the area sustained for several minutes. No evidence of tornadoes was found.



Text Listing of Storm Reports

PRELIMINARY LOCAL STORM REPORT...SUMMARY
NATIONAL WEATHER SERVICE TWIN CITIES/CHANHASSEN MN
916 PM CDT SAT AUG 14 2010

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0551 PM 08/12/2010	FUNNEL CLOUD	4 N MADISON LAC QUI PARLE MN	45.07N 96.19W LAW ENFORCEMENT
0552 PM 08/12/2010	TORNADO	1 SSW LOUISBURG LAC QUI PARLE MN	45.15N 96.18W LAW ENFORCEMENT
	BRIEF TOUCHDOWN. GRAIN BIN PICKED UP AND THROWN 100 YARDS. GRAIN BINS A FEW FEET AWAY ON EITHER SIDE OF DAMAGED GRAIN BIN LEFT UNTOUCHED.		
0555 PM 08/12/2010	TSTM WND DMG	1 W MADISON LAC QUI PARLE MN	45.01N 96.21W LAW ENFORCEMENT
	PORTION OF CORNFIELD FLATTENED JUST OFF HWY 40. TIME ESTIMATED.		
0600 PM 08/12/2010	FUNNEL CLOUD	WALNUT GROVE REDWOOD MN	44.23N 95.47W TRAINED SPOTTER
0605 PM 08/12/2010	TORNADO	BELLINGHAM LAC QUI PARLE MN	45.14N 96.28W LAW ENFORCEMENT
	PORCH RIPPED OFF BUILDING.		
0622 PM 08/12/2010	TORNADO	1 N LOUISBURG LAC QUI PARLE MN	45.18N 96.17W LAW ENFORCEMENT
	DEBRIS IN THE AIR.		
0624 PM 08/12/2010	TORNADO	3 W DAWSON LAC QUI PARLE MN	44.93N 96.11W LAW ENFORCEMENT
0630 PM 08/12/2010	TSTM WND DMG	DELHI REDWOOD MN	44.60N 95.21W LAW ENFORCEMENT
	TREES AND POWER LINES DOWN IN TOWN.		
0630 PM 08/12/2010	TSTM WND DMG	1 SW OLIVIA RENVILLE MN	44.77N 95.01W TRAINED SPOTTER
	POWER LINE POLE DOWN.		
0633 PM 08/12/2010	TSTM WND DMG	1 WNW OLIVIA RENVILLE MN	44.78N 95.01W TRAINED SPOTTER
	TOPS BLOWN OFF TREES WITH BASE GREATER THEN 20 INCHES IN		

DIAMETER AND NUMEROUS LIMBS DOWN GREATER THEN 6 INCHES.

0647 PM	TSTM WND DMG	MORRIS	45.59N 95.91W
08/12/2010		STEVENS	MN LAW ENFORCEMENT

LARGE LIMBS DOWN UP TO 6 INCHES AND TREES DOWN GREATER THEN 8 INCHES.

0648 PM	TSTM WND GST	MORRIS	45.59N 95.91W
08/12/2010	M60.00 MPH	STEVENS	MN AWOS

0715 PM	TSTM WND DMG	HUTCHINSON	44.89N 94.37W
08/12/2010		MCLEOD	MN TRAINED SPOTTER

30 AND 6 IN BRANCHES DOWN AT 3RD AVE NW AND WATER ST NW

0730 PM	HAIL	2 SE ALEXANDRIA	45.85N 95.35W
08/12/2010	M1.00 INCH	DOUGLAS	MN TRAINED SPOTTER

0735 PM	TSTM WND DMG	HOWARD LAKE	45.06N 94.07W
08/12/2010		WRIGHT	MN EMERGENCY MNGR

TREE BRANCHES UP TO 8 INCHES IN DIAMETER DOWN.

0735 PM	TORNADO	2 N BROOTEN	45.53N 95.12W
08/12/2010		STEARNS	MN NWS STORM SURVEY

TORNADO RATED EF-1. PATH LENGTH 5 MILES. TORNADO TRACKED TO THE EAST-NORTHEAST. HUNDREDS OF TREES SNAPPED OR BROKEN. SEVERAL FARMSTEADS DAMAGED. ROOFS OFF BARNS... SHEDS AND OTHER OUTBUILDINGS DESTROYED. EMPTY GRAIN BIN BLOWN 1/2 MILE.

0745 PM	TSTM WND DMG	BUFFALO	45.18N 93.87W
08/12/2010		WRIGHT	MN TRAINED SPOTTER

4 INCH DIAMETER BRANCHES DOWN.

0748 PM	LIGHTNING	NNW EAGLE BEND	46.17N 95.03W
08/12/2010		TODD	MN LAW ENFORCEMENT

TREE DOWN DUE TO LIGHTNING STRIKE

0752 PM	TSTM WND DMG	MONTICELLO	45.30N 93.80W
08/12/2010		WRIGHT	MN TRAINED SPOTTER

14 INCH DIAMETER TREE DOWN.

0752 PM	TSTM WND DMG	N FORADA	45.79N 95.36W
08/12/2010		DOUGLAS	MN LAW ENFORCEMENT

TREES AND POWER LINES DOWN.

0759 PM	HAIL	2 N HOLDINGFORD	45.76N 94.47W
08/12/2010	M0.75 INCH	STEARNS	MN TRAINED SPOTTER

0800 PM	TSTM WND DMG	3 SSE ROCKVILLE	45.43N 94.32W
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08/12/2010 STEARNS MN NWS STORM SURVEY

DOWNBURST DAMAGE NOTED. THE DAMAGE STARTED ON THE EASTERN
EDGE OF GRAND LAKE AND SPREAD NORTHEASTWARD TO THREE
MILES EAST-NORTHEAST OF ROCKVILLE. WINDS LIKELY AROUND 60
TO 65 MPH.

0800 PM TSTM WND DMG ST CLOUD 45.55N 94.17W
08/12/2010 STEARNS MN EMERGENCY MNGR

TREES DOWN. TIME ESTIMATED.

0803 PM TSTM WND DMG 1 S ST AUGUSTA 45.42N 94.19W
08/12/2010 STEARNS MN NWS STORM SURVEY

ABOUT A DOZEN TREES BLOWN DOWN IN AN AREA FROM ST AUGUSTA
TO ONE MILE SOUTH OF ST AUGUSTA. DAMAGE WAS SPORADIC.
TREES BLOWN DOWN FROM SOUTH TO NORTH. WIND DAMAGE WAS
LIKELY INFLOW INTO STORM THAT PRODUCED THE ST AUGUSTA
TORNADO.

0803 PM TORNADO ST AUGUSTA 45.44N 94.19W
08/12/2010 STEARNS MN NWS STORM SURVEY

BRIEF TORNADO RATED EF-0. PATH LENGTH 1/4 MILE. WIDTH 30
YARDS. SEVERAL DOZEN TREES DOWNED IN NEIGHBORHOOD ON EAST
SIDE OF ST AUGUSTA.

0805 PM TSTM WND DMG 5 SW ST CLOUD 45.51N 94.24W
08/12/2010 STEARNS MN NWS STORM SURVEY

SEVERAL TREES TOPPLED DUE TO DOWNBURST JUST NORTH OF
HIGHWAY 15 AND COUNTY ROAD 6.

0815 PM TSTM WND GST SARTELL 45.62N 94.21W
08/12/2010 M61.00 MPH STEARNS MN PUBLIC

0815 PM TSTM WND DMG 2 ESE ST CLOUD 45.54N 94.14W
08/12/2010 SHERBURNE MN NWS STORM SURVEY

ABOUT A DOZEN TREES DOWN IN AND NEAR TALAHY PARK IN THE
SOUTHEAST PART OF ST CLOUD. DOWNBURST DAMAGE.

0825 PM TSTM WND GST 4 SE EDEN PRAIRIE 44.81N 93.40W
08/12/2010 E50.00 MPH SCOTT MN TRAINED SPOTTER

0830 PM TSTM WND DMG 6 WNW CAMBRIDGE 45.60N 93.34W
08/12/2010 ISANTI MN TRAINED SPOTTER

SEVERAL TREES WITH 8 TO 10 INCH DIAMETER LIMBS DOWN.

0832 PM TSTM WND DMG MILACA 45.76N 93.65W
08/12/2010 MILLE LACS MN TRAINED SPOTTER

18 INCH DIAMETER TREE DOWN.

0845 PM TSTM WND DMG 5 E STANCHFIELD 45.66N 93.09W

08/12/2010

CHISAGO

MN TRAINED SPOTTER

SPOTTER SAW MANY TREES...SOME UP TO 7 FEET IN DIAMETER DOWN WHILE DRIVING FROM THIS LOCATION SOUTHWEST TO CAMBRIDGE ALONG CO RD 4 AND 7 IN CHISAGO COUNTY TO COUNTY RD 2 AND HWY 95 JUST EAST OF CAMBRIDGE IN ISANTI COUNTY. TIME WAS ESTIMATED.

1118 PM FLASH FLOOD GRANITE FALLS 44.81N 95.54W
08/12/2010 CHIPPEWA MN LAW ENFORCEMENT

ROAD CLOSED...KNEE DEEP WATER ON U.S. HWY 212 WESTERN RENVILLE COUNTY.

1130 PM HAIL SACRED HEART 44.78N 95.35W
08/12/2010 E0.75 INCH RENVILLE MN TRAINED SPOTTER

1130 PM FLASH FLOOD SACRED HEART 44.78N 95.35W
08/12/2010 RENVILLE MN TRAINED SPOTTER

STREET FLOODING.

1143 PM HAIL SACRED HEART 44.78N 95.35W
08/12/2010 E0.75 INCH RENVILLE MN TRAINED SPOTTER

1157 PM HAIL BUTTERFIELD 43.96N 94.79W
08/12/2010 E1.00 INCH WATONWAN MN BROADCAST MEDIA

1208 AM HAIL BUTTERFIELD 43.96N 94.79W
08/13/2010 E1.00 INCH WATONWAN MN BROADCAST MEDIA

1221 AM FLASH FLOOD RENVILLE 44.79N 95.21W
08/13/2010 RENVILLE MN LAW ENFORCEMENT

UP TO 10 INCHES OF WATER ON U.S. HIGHWAY 212 WESTERN RENVILLE COUNTY...WATER COVERED ROADS CLOSED OR CLOSING...MNDOT NOTIFIED.

1221 AM FLASH FLOOD OLIVIA 44.78N 95.00W
08/13/2010 RENVILLE MN LAW ENFORCEMENT

10 TO 12 INCHES WATER ON ROADS AROUND TOWN AND ALSO WESTERN RENVILLE COUNTY.

1230 AM TSTM WND DMG FAIRMONT 43.64N 94.46W
08/13/2010 MARTIN MN LAW ENFORCEMENT

LOTS OF TREES AND POWER LINES DOWN...ESPECIALLY IN WEST PART OF TOWN. 5 POWER POLES SUPPORTING HIGH VOLTAGE LINES DOWNED. ROOF OF WAREHOUSE AND LARGE GARAGE DOOR DAMAGED AT INDUSTRIAL PARK. DAMAGE REPORTED AT MARTIN COUNTY FAIRGROUNDS INCLUDING BLEACHERS BLOWN OVER...TREES DOWN...AND SMALL TIN BUILDING DESTROYED. TREE DOWNED ON MOBILE HOME. SMALL CAMPER ROLLED OVER AND DESTROYED. NEARBY CAR PARKED ON GRASS HAD BACK END PUSHED 8 FT. TIME ESTIMATED BY RADAR.

1256 AM	FLASH FLOOD	BROWNTON	44.73N 94.35W
08/13/2010		MCLEOD	MN TRAINED SPOTTER
STREET FLOODING.			
1257 AM	TSTM WND GST	3 NE MADELIA	44.08N 94.37W
08/13/2010	M49.00 MPH	WATONWAN	MN MESONET
WIND GUST MEASURED AT MNDOT ROAD WEATHER SITE ON HWY 60 AT MILE POST 86.			
0125 AM	HAIL	5 ENE LAKE CRYSTAL	44.12N 94.13W
08/13/2010	M0.75 INCH	BLUE EARTH	MN LAW ENFORCEMENT
0143 AM	FLASH FLOOD	NORWOOD/YOUNG AMERICA	44.78N 93.92W
08/13/2010		CARVER	MN FIRE DEPT/RESCUE
12 TO 18 INCHES OF WATER FLOODING STREETS.			
0146 AM	FLASH FLOOD	COLOGNE	44.77N 93.79W
08/13/2010		CARVER	MN TRAINED SPOTTER
WATER FLOODING STREETS TO CURB HEIGHT.			
0200 AM	TSTM WND DMG	NORWOOD/YOUNG AMERICA	44.78N 93.92W
08/13/2010		CARVER	MN TRAINED SPOTTER
3 TO 4 INCH BRANCHES DOWN.			
0215 AM	FLASH FLOOD	CHASKA	44.82N 93.61W
08/13/2010		CARVER	MN LAW ENFORCEMENT
4 FEET OF WATER FLOWING OVER INTERSECTION.			
0220 AM	TSTM WND DMG	CARVER	44.76N 93.63W
08/13/2010		CARVER	MN FIRE DEPT/RESCUE
12 TO 18 INCH DIAMETER TREE DOWN.			
0227 AM	FLASH FLOOD	CARVER	44.76N 93.63W
08/13/2010		CARVER	MN LAW ENFORCEMENT
MOST OF THE CITY STREETS HAVE 8 INCHES OF WATER COVERING.			
0230 AM	TSTM WND DMG	3 W ELLENDALE	43.87N 93.36W
08/13/2010		STEELE	MN TRAINED SPOTTER
ROOF OFF A GRAINERY...LARGE TREE DOWN.			
0244 AM	FLASH FLOOD	MINNETONKA	44.91N 93.50W
08/13/2010		HENNEPIN	MN LAW ENFORCEMENT
12 INCHES WATER COVERING HIGHWAY 7.			
0244 AM	HAIL	MORRISTOWN	44.22N 93.44W
08/13/2010	E0.50 INCH	RICE	MN TRAINED SPOTTER

0245 AM TSTM WND GST LAKEVILLE 44.68N 93.24W
08/13/2010 E60.00 MPH DAKOTA MN TRAINED SPOTTER

0255 AM FLASH FLOOD BELLE PLAINE 44.62N 93.76W
08/13/2010 SCOTT MN EMERGENCY MNGR

STREET FLOODING.

0257 AM TSTM WND DMG 9 WNW FARIBAULT 44.34N 93.44W
08/13/2010 RICE MN TRAINED SPOTTER

12 TO 15 INCH BRANCHES DOWN...TIME ESTIMATED WITH RADAR.

0257 AM TSTM WND GST 9 WNW FARIBAULT 44.34N 93.44W
08/13/2010 M73.00 MPH RICE MN TRAINED SPOTTER

TIME ESTIMATED WITH RADAR.

0315 AM TSTM WND DMG HADER 44.37N 92.80W
08/13/2010 GOODHUE MN EMERGENCY MNGR

TREES DOWN AT INTERSECTION OF 410TH ST AND CO RD 8. CO RD 8 WAS BLOCKED BY TREES. TIME ESTIMATED.

0315 AM TSTM WND DMG WANAMINGO 44.31N 92.79W
08/13/2010 GOODHUE MN EMERGENCY MNGR

TREES ON POWER LINES NEAR ELEMENTARY SCHOOL. TIME ESTIMATED.

0320 AM TSTM WND DMG 5 W PINE ISLAND 44.20N 92.75W
08/13/2010 GOODHUE MN EMERGENCY MNGR

DOWNED TREES BLOCKED CO 11 BLVD NEAR INTERSECTION OF CO RD 10. TIME ESTIMATED.

0322 AM FLASH FLOOD FARIBAULT 44.30N 93.27W
08/13/2010 RICE MN TRAINED SPOTTER

STREET FLOODING...CAR STALLED IN WATER IN TOWN.

0325 AM TSTM WND DMG FARMINGTON 44.66N 93.18W
08/13/2010 DAKOTA MN TRAINED SPOTTER

WINDOWS BLOWN OUT.

0325 AM TSTM WND DMG 4 SE RED WING 44.54N 92.54W
08/13/2010 GOODHUE MN EMERGENCY MNGR

TREE DOWN ON CO RD 45 AT CO RD 5 BLVD NEAR HAY CREEK. TIME ESTIMATED.

0330 AM FLASH FLOOD APPLE VALLEY 44.75N 93.20W
08/13/2010 DAKOTA MN TRAINED SPOTTER

STREET FLOODING UP TO CAR DOORS.

0335 AM TSTM WND DMG 5 ESE LAKEVILLE 44.64N 93.16W
08/13/2010 DAKOTA MN TRAINED SPOTTER

RESIDENTIAL HOMES DAMAGED...ROOFS OFF...NEAR LAKEVILLE
FARMINGTON LINE...TIME ESTIMATED.

0335 AM FLASH FLOOD NNE FARIBAULT 44.30N 93.27W
08/13/2010 RICE MN TRAINED SPOTTER

STREET FLOODING.

0405 AM TSTM WND GST FARMINGTON 44.66N 93.18W
08/13/2010 M48.00 MPH DAKOTA MN MESONET

MEASURED AT FARMINGTON MIDDLE SCHOOL WEST

0424 AM HAIL LESTER PRAIRIE 44.88N 94.04W
08/13/2010 M1.50 INCH MCLEOD MN TRAINED SPOTTER

0545 AM HAIL 6 SW STARBUCK 45.56N 95.63W
08/13/2010 E0.75 INCH POPE MN TRAINED SPOTTER

0620 AM HAIL 4 WNW BROOTEN 45.51N 95.20W
08/13/2010 M0.88 INCH POPE MN TRAINED SPOTTER

0625 AM HAIL 4 NNE GILCHRIST 45.51N 95.30W
08/13/2010 M1.00 INCH POPE MN TRAINED SPOTTER

0629 AM HAIL BROOTEN 45.50N 95.12W
08/13/2010 E0.75 INCH STEARNS MN TRAINED SPOTTER

0636 AM TSTM WND GST GEORGEVILLE 45.44N 94.94W
08/13/2010 M48.00 MPH STEARNS MN MESONET

MNDOT ROAD SENSOR

0800 AM HEAVY RAIN 3 WSW MARYSTOWN 44.70N 93.59W
08/13/2010 E3.90 INCH SCOTT MN TRAINED SPOTTER

0800 AM HEAVY RAIN 11 SW LITCHFIELD 45.02N 94.71W
08/13/2010 M2.25 INCH MEEKER MN TRAINED SPOTTER

0818 AM HEAVY RAIN FARIBAULT 44.30N 93.27W
08/13/2010 M3.00 INCH RICE MN TRAINED SPOTTER

0818 AM HEAVY RAIN DENNISON 44.40N 93.03W
08/13/2010 M3.50 INCH GOODHUE MN TRAINED SPOTTER

0818 AM HEAVY RAIN NERSTRAND 44.34N 93.06W
08/13/2010 M4.50 INCH RICE MN BROADCAST MEDIA

0900 AM HEAVY RAIN DANUBE 44.79N 95.10W
08/13/2010 E5.00 INCH RENVILLE MN EMERGENCY MNGR

5 INCHES OF RAIN REPORTED IN NORTHWEST CORNER OF RENVILLE
COUNTY DURING PAST 24 HOURS. 3 INCHES REPORTED NEAR

DANUBE.

0900 AM	HEAVY RAIN	BURNSVILLE		44.76N 93.28W
08/13/2010	M3.30 INCH	DAKOTA	MN	TRAINED SPOTTER

0900 AM	HEAVY RAIN	CLARA CITY		44.96N 95.37W
08/13/2010	E4.00 INCH	CHIPPEWA	MN	EMERGENCY MNGR

0132 PM	HAIL	3 W PAYNESVILLE		45.38N 94.78W
08/13/2010	M0.75 INCH	KANDIYOHI	MN	TRAINED SPOTTER

DIME SIZE HAIL

0132 PM	TSTM WND GST	MELROSE		45.68N 94.81W
08/13/2010	M54.00 MPH	STEARNS	MN	TRAINED SPOTTER

0154 PM	TSTM WND DMG	HOLDINGFORD		45.73N 94.47W
08/13/2010		STEARNS	MN	TRAINED SPOTTER

3-27 INCH TREES DOWN AND SCATTERED IN ALL DIRECTIONS.
POWER LINES DOWN BETWEEN HOLDINGFORD AND ROYALTON.

0216 PM	FLOOD	5 S ST CLOUD		45.48N 94.15W
08/13/2010		STEARNS	MN	CO-OP OBSERVER

STANDING WATER COVERING ROADS

0246 PM	HAIL	HUTCHINSON		44.89N 94.37W
08/13/2010	M0.25 INCH	MCLEOD	MN	TRAINED SPOTTER

0254 PM	TSTM WND DMG	HOLDINGFORD		45.73N 94.47W
08/13/2010		STEARNS	MN	TRAINED SPOTTER

20 INCH TREE DOWN

0259 PM	TSTM WND GST	RICE		45.75N 94.23W
08/13/2010	M74.00 MPH	BENTON	MN	MESONET

0259 PM	TSTM WND GST	N FOLEY		45.66N 93.91W
08/13/2010	M50.00 MPH	BENTON	MN	FIRE DEPT/RESCUE

0300 PM	TSTM WND DMG	ROYALTON		45.83N 94.29W
08/13/2010		MORRISON	MN	LAW ENFORCEMENT

WIND DAMAGE FROM NEAR ROYALTON EAST ALONG AND NEAR EAST
NATURE ROAD FOR ROUGHLY 13 MILES. DAMAGE INCLUDED A
CHICKEN BARN ROOF BLOWN OFF... SHINGLES BLOWN OFF A
HOME... AND LARGE TREES SNAPPED AND UPROOTED.

0300 PM	TSTM WND DMG	SARTELL		45.62N 94.21W
08/13/2010		STEARNS	MN	BROADCAST MEDIA

SILLO KNOCKED DOWN ROOFS OFF SHEDS, TREES AND POWER LINES
DOWN.

0303 PM	TSTM WND DMG	1 E RICE		45.75N 94.21W
08/13/2010		BENTON	MN	TRAINED SPOTTER

SEVERAL TREES DOWN ON WEST LAKE DRIVE

0305 PM	TSTM WND DMG	SARTELL		45.62N 94.21W
08/13/2010		STEARNS	MN	TRAINED SPOTTER

TREES DOWN

0315 PM	TSTM WND GST	GILMAN		45.74N 93.95W
08/13/2010	M81.00 MPH	BENTON	MN	TRAINED SPOTTER

0318 PM	TSTM WND DMG	1 E RICE		45.75N 94.21W
08/13/2010		BENTON	MN	TRAINED SPOTTER

6-8 INCH TREES DOWN SHED DEMOLISHED ON CO. ROAD 1

0320 PM	TSTM WND DMG	RICE		45.75N 94.23W
08/13/2010		BENTON	MN	NWS EMPLOYEE

18 WHEELER BLOWN OVER BILLBOARDS BLOWN DOWN

0335 PM	TSTM WND DMG	MILACA		45.76N 93.65W
08/13/2010		MILLE LACS	MN	LAW ENFORCEMENT

TREE ON POWER LINE

0340 PM	HAIL	1 SSE CLEAR LAKE		45.43N 93.99W
08/13/2010	M1.00 INCH	SHERBURNE	MN	TRAINED SPOTTER

0343 PM	HAIL	CLEAR LAKE		45.45N 94.00W
08/13/2010	M0.88 INCH	SHERBURNE	MN	LAW ENFORCEMENT

0347 PM	FUNNEL CLOUD	CLEAR LAKE		45.45N 94.00W
08/13/2010		SHERBURNE	MN	LAW ENFORCEMENT

REPORT OF ROTATION ON HIGHWAY 24 S OF CLEAR LAKE ALSO
REPORT OF QUARTER HAIL.

0349 PM	TSTM WND DMG	MORA		45.88N 93.29W
08/13/2010		KANABEC	MN	AMATEUR RADIO

TREES DOWN ON MAPLE STREET...FROM WSFO DLH

0355 PM	TSTM WND GST	MORA		45.88N 93.29W
08/13/2010	M56.00 MPH	KANABEC	MN	AWOS

0359 PM	FUNNEL CLOUD	BUFFALO		45.18N 93.87W
08/13/2010		WRIGHT	MN	TRAINED SPOTTER

WINDS ESTIMATED AT 45 MPH THEN DROPPED OFF TO CALM.
SPOTTER THEN NOTICED A LARGE AMOUNT OF ROTATION.

0400 PM	TSTM WND DMG	1 ESE ST AUGUSTA		45.43N 94.17W
08/13/2010		STEARNS	MN	TRAINED SPOTTER

8 INCH TREE DOWN

0408 PM	TSTM WND GST	1 NE MORA		45.89N 93.28W
08/13/2010	M57.00 MPH	KANABEC	MN	MESONET
0430 PM	HAIL	HUGO		45.16N 92.96W
08/13/2010	M0.75 INCH	WASHINGTON	MN	LAW ENFORCEMENT
	DIME SIZE			
0445 PM	TSTM WND DMG	DRESSER		45.36N 92.63W
08/13/2010		POLK	WI	LAW ENFORCEMENT
	SEVERAL TREES AND POWER LINES DOWN IN AND AROUND DRESSER.			
0453 PM	TSTM WND DMG	RICE		45.75N 94.23W
08/13/2010		BENTON	MN	TRAINED SPOTTER
	3 LARGE 24 INCH TREES DOWN BLOCKING 2ND AVE. NE			
0515 PM	TSTM WND DMG	E MCKINLEY		45.57N 92.18W
08/13/2010		POLK	WI	STORM CHASER
	NUMEROUS TREES DOWN...INCLUDING ONE PARTIALLY ON HIGHWAY 48.			
0525 PM	FLOOD	ZUMBROTA		44.29N 92.67W
08/13/2010		GOODHUE	MN	LAW ENFORCEMENT
	LOCALIZED FLOODING IN COVERED BRIDGE PARK IN TOWN ON N FORK OF ZUMBRO RIVER...STARTED AROUND 9 AM.			
0526 PM	FUNNEL CLOUD	6 SW MANKATO		44.11N 94.08W
08/13/2010		BLUE EARTH	MN	AMATEUR RADIO
	MULTIPLE REPORTS FROM TRAINED SPOTTERS.			
0535 PM	TORNADO	4 SSW MANKATO		44.11N 94.02W
08/13/2010		BLUE EARTH	MN	AMATEUR RADIO
	DEBRIS NOTED AT GROUND.			
0613 PM	HAIL	8 SE HUDSON		44.88N 92.63W
08/13/2010	E0.75 INCH	ST. CROIX	WI	TRAINED SPOTTER
0648 PM	HAIL	3 N HAMMOND		45.02N 92.44W
08/13/2010	M0.25 INCH	ST. CROIX	WI	TRAINED SPOTTER
0730 PM	TSTM WND DMG	1 W CORNELL		45.16N 91.17W
08/13/2010		CHIPPEWA	WI	LAW ENFORCEMENT
	TREE DOWN ACROSS ROAD.			
0754 PM	HEAVY RAIN	1 SE HAMMOND		44.96N 92.42W
08/13/2010	U0.00 INCH	ST. CROIX	WI	TRAINED SPOTTER
	4 INCHES WATER OVER THE ROAD AND FLOWING.			